

ABSTRACT

3 A multi-terrain amphibious vehicle for travel across various types of surfaces and upon
4 various bodies of water. The vehicle has an elongated longitudinally extending chassis having a
5 bottom surface having a centerline. A plurality of left side propulsion units and a plurality of
6 right side propulsion units extend inwardly toward the centerline and they are supported by the
7 chassis. A vehicle body having a passenger compartment is mounted on the chassis. A source of
8 drive power is mounted on the chassis. Power transmission structure connects the drive power
9 structure to the driven axles of the respective left and right side propulsion units. The propulsion
10 units each have a plurality of cam-shaped wheels mounted on each driven axle. The cam-shaped
11 wheels are oriented on the driven axle so that there will always be an arcuate perimeter segment
12 of one of the cam-shaped wheels positioned to contact the ground surface during each 360 degree
13 rotation of the driven shaft.